

CSCE 190

Assignment Name: Affinity Diagram

Group Name: Alpha Xi Delta

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Functions

Interface

Users

Saved Data

Concerns

Live map of the city of Columbia

Coordinating a future route with train schedules

Should it be a map of Columbia?

Indicate estimated time

Students

User's location

Routes commonly taken by user

Can we use an already existing navigation system like Google Maps?

Will it only be for the Columbia area or more far-reaching?

Should be able to reroute people

estimated time of train passing

Pulls up map on app startup?

compare two available routes

Bikers

Train schedule

trains location

Monetize subscription or ads???

Are train schedules easily accessible

Could link to uber

notify user of train related accidents /stopping

Train icon to indicate blocked roads

A user profile with their saved routes, schedule, etc.

Columbia residents

User's info

will it include audio function?

How will app track trains?

Will trains be early or late?

Shows trains currently running throughout the city

Notifies user of when to leave before trains block paths of travel

Prompt user to use existing route

Adjustable range option via scrollbar or set for a certain city

train enthusiasts!

Multiple routes the user can take if available

Will it incorporate other traffic obstacles like construction or only trains?

Apple exclusive product or all cell phones/GPS

free for everyone?

Show bridges that bypass train tracks

Predicts future road blockage due to moving train and gives you a time for the blockage

reminds users to be safe around trains

Easy to understand layout

Drivers

saves users common destinations

What is suggested when there's no sensible way around a train

is this too much like another gps app?

will this distract drivers?